1653

RAW SEQUENCE LISTING   DATE: 06/21/2001
PATENT APPLICATION: US/09/368,670   TIME: 12:32:20

Input Set : A:\ES.txt
Output Set: N:\CRF3\06212001\I368670.raw

Does Not Comply Sequence Rules (handwritten)

```
 4 <110> APPLICANT: Boehringer Ingelheim (Canada) Ltd.
 6 <120> TITLE OF INVENTION: Hepatitis C Inhibitor Peptides
 9 <130> FILE REFERENCE: 13/063-2-C2
11 <140> CURRENT APPLICATION NUMBER: 09/368,670
12 <141> CURRENT FILING DATE: 1999-08-05
14 <150> PRIOR APPLICATION NUMBER: 60/095,945
15 <151> PRIOR FILING DATE: 1998-08-10
17 <150> PRIOR APPLICATION NUMBER: 60/055,186
18 <151> PRIOR FILING DATE: 1997-08-11
20 <150> PRIOR APPLICATION NUMBER: 09/131,758
21 <151> PRIOR FILING DATE: 1998-08-10
```

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E--> 23 <160> NUMBER OF SEQ ID NOS: (54) 53 (see below)

```
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
1029 <210> SEQ ID NO: 53          last sequence in file
1030 <211> LENGTH: 6
1031 <212> TYPE: PRT
1032 <213> ORGANISM: Hepatitis C
1034 <220> FEATURE:
1035 <221> NAME/KEY: VARIANT
1036 <222> LOCATION  5
1037 <223> OTHER INFORMATION: Xaa=derivatized Hyp
1039 <221> NAME/KEY: VARIANT
1040 <222> LOCATION: 6
1041 <223> OTHER INFORMATION: Xaa=Nva
1043 <221> NAME/KEY: VARIANT
1044 <222> LOCATION: 1
1045 <223> OTHER INFORMATION: Asp is acetylated
1047 <400> SEQUENCE: 53
```

W--> 1048 Asp Asp Ile Val Xaa Xaa

```
1049  1            5
```

E--> 1051 1
E--> 1053 16   } data at end of file (handwritten)

(See next page for more errors) (handwritten)

```
<400> 30
Asp Asp Ile Val Pro Xaa
 1               5


<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

<210> 31
<211> 6
<212> PRT
<213> Hepatitis C

<221> VARIANT
<222> 6
<223> Xaa=Acca

<221> VARIANT
<222> 1
<223> Asp is acetylated

<400> 31
Asp Asp Ile Val Pro Xaa
 1               5
```

what is this? Please delete — It's duplicated below

<240>—insert <220> whenever <221>, <222> or <223> is shown

FYI

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220> to
<223> fields of each sequence which presents at least one n or Xaa.

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\06212001\I368670.raw**

```
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:550 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:31
L:550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:634 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:    M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:
L:730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:1051 M:332 E: (72) Invalid,Missing Amino Acid Numbering, SEQ ID:53
M:332 Repeated in SeqNo-53
L:23 M:203 F: No. of Seq. differs, <160> Number of Sequences Input (54) Counted (53)
```